

## Corridor Profile Matrix

### Definition of Terms

Term	Meaning	Source
<b>Name</b>	Local name of road.	Official State Map.
<b>Land use</b>	Current use of land.	Local Comprehensive Plan.
<b>Modes</b>	Method of travel in use on road.	State Plans.
<b>Sidewalk</b>	Present or not on one side of road.	Field inventory.
<b>Bicycle</b>	Does the road have a bicycle facility, lane, route or separate facility?	State Plan.
<b>Lanes</b>	Number of travel lanes in both directions.	State map and field inventory.
<b>Parking</b>	On street.	Field inventory.
<b>Park n Ride</b>	RIPTA lot or shared facility.	State Plans.
<b>RIPTA</b>	Bus Route Number	Rhode Island Public Transit Agency.
<b>Ridership</b>	Average weekday ridership.	Rhode Island Public Transit Agency.
<b>TIP 02 - 03</b>	Transportation Improvement Program. Programed or funded projects.	Statewide Planning Program.
<b>TIP 04 - 08</b>	TIP projects programmed for out years.	Statewide Planning Program.
<b>ADT</b>	Average Daily Traffic.	RI Department of Transportation 2002 (RIDOT).
<b>LOS</b>	Level of Service. Measurement of traffic flow and delays.	State and local studies.
<b>V/C</b>	Volume to Capacity Ratio of road.	Statewide Travel Model (TRANSCAD).
<b>Speed Limit</b>	Miles per hour. Range for the roadway.	RIDOT
<b>Freight</b>	Truck traffic as a percentage of the total traffic.	RIDOT
<b>Accidents</b>	Total accidents on road by town.	RIDOT
<b>Pop 2000</b>	US Census 2000 count.	Statewide Planning Program.
<b>Pop 2020</b>	Projections from 1995	Statewide Planning Program.
<b>Problem areas</b>	Areas of transportation related difficulties or deficiencies by town.	RIDOT, Statewide Planning Program and local plans.

East - West Travel Corridor					
US 44					
	Providence	North Providence	Johnston	Smithfield	Gloicester
Name	Smith Street	Smith Street	Putnam Pike	Putnam Pike	Putnam Pike
Land use	Com. Res.	Com. Res.	Com. Res.	Com. Res.	Com. Rural- Res. Pub. Water Shed
Modes					
Sidewalk	Yes	Yes	Yes	Yes	No
Bicycle	No	No	No	No	No
Lanes	2	2	E-W 2 to 4	4	E-W 4 to 2
Parking	Yes	Yes	No	No	No
Park n Ride	No	No	No	Yes	No
RIPTA	57/9	57/9	9	9	9*
Ridership	1662**	1662**	157**	157**	157*
TIP 02 - 03		Enhance. Centerdale	Putnam Pike (44) Pavement	Putnam Pike (44) Pavement	
TIP 04 - 08	Smith St. Pave. Eval.		Woon. River Greenwy. N.W. Bike Pave. Mngt. Smith. TL to Geo. Waterm.Rd. Enhance. Prgm. for Hist. Sign. Bikewy.	US 44 Recon. Canceled (RIDOT) Pave Mngt. I-295- Johnston.TL.	US 44 Pave. N.W. Bike
ADT	12700	14200	19300	14600-28100	4100-14900
LOS					
V/C	3.4-1.1***	1.1-.7***	1.1-1.6***	3.4-.3***	.7-.3***
Speed Limit	25	25	40	40-35-25-35	45-25-50
Freight		3%	3%	4%	5-6%
Accidents	222/294****	164/97****	81/111****	332/461****	152/144****
Pop 2000	173618	32411	28195	20613	9948
Pop 2020	141656	32737	29419	23556	13307
Problem areas		US 44 frequent cogest.	US 44 frequent cogest.	Crossings @ Smith. Greenville Cnt.	Chepachet Village
* Express Park n Ride originates in Burrillville.					
** Average weekday passenger count per route.					
***V/C based on LOS C.					
**** Accident data 2001/2002					

East -West Travel Corridor				
US 6				
	Providence	Johnston	Scituate	Foster
Name		Hartford Ave.	Danielson Pike	Danielson Pike
Land use	Ind. Com. Res.	Com.	Com. Res. Conser.Pub. Water Shed	Com. Rural Res.
Modes				
Sidewalk	No	Yes (6 A)	Yes	No
Bicycle	No	No	No	No
Lanes	6 (Lim. Acc.)	4	4 to 2	W-E 2 to 3 to 2
Parking	No	No	No	No
Park n Ride	No	No	No	Yes
RIPTA		28	10	10
Ridership		1411*	27*	27*
TIP 02 - 03	I-195. Imp. US 6, I-295 to Hart. Av Int.			
TIP 04 - 08	I-195 Rte.10/6 Bridge. Imp. US 6, I-295 to Hart. Av Int.			
ADT		(6 A) Hartford Av. 16600 to 29800	6100-13400	8200-9600
LOS	Lim. Acc. (39700)			
V/C	3.4-1.1**	1.6-.7**	1.1-.3**	.7-.3**
Speed Limit	50 (Lim. Acc.)	35	W-E 50 to 30	W-E 45-40-50
Freight	NA	7%	11%	8%
Accidents	340/361***	292/307***	53/62***	60/38***
Pop 2000	173618	28195	10324	4274
Pop 2020	141656	29419	11390	5988
Problem areas	No access from RI 10 North to US 6 West.	Numerous turning conflicts and accidents. Hartford Av./RI-5 Intersect. Narrow lanes & no breakdown lane. Hartford Av/Rollingwood Dr. Intersect. Limited visibility.	Com. Strp. numerous accidents. 6/116. 6/Elmdale Rd. 6/Hartford Pk. 6/102.	
	* Average weekday passenger count per route.			
	**V/C based on LOS C.			
	*** Accident data 2001/2002			

## East - West Travel Corridor

# RI 101

	Scituate	Foster
<b>Name</b>	Hartford Pike	Hartford Pike
<b>Land use</b>	Com. Rural Res. (Pub. Water Shed)	Ag. Rural Res.
<b>Modes</b>		
<b>Sidewalk</b>	No	No
<b>Bicycle</b>	No	No
<b>Lanes</b>	2	2
<b>Parking</b>	No	No
<b>Park n Ride</b>	No	Yes
<b>RIPTA</b>	10	10
<b>Ridership</b>	27*	27*
<b>TIP 02 - 03</b>		
<b>TIP 04 - 08</b>		
<b>ADT</b>	4600-6800	3400-5300
<b>LOS</b>		
<b>Speed Limit</b>	40	40
<b>V/C</b>	1.1-.3**	1.1-.3**
<b>Freight</b>	5%	5 to 10%
<b>Accidents</b>	93/101***	26/19***
<b>Pop 2000</b>	10324	4274
<b>Pop 2020</b>	11390	59988
<b>Problem areas</b>		
	* Average weekday passenger count per route.	
	**V/C based on LOS C.	
	*** Accident data 2001/2002	

# East -West Travel Corridor

## RI 12

	Cranston	Scituate
<b>Name</b>	Park-Scituate Ave.	Scituate-Tunk Hill Ave.
<b>Land use</b>	Com. Res. Rural	Rural Res. (Pub. Water Shed)
<b>Modes</b>		
<b>Sidewalk</b>	Yes (Com.Sec.)	No
<b>Bicycle</b>	Bike Route (Rural& Res. Sec.)	Bike Route (Section)
<b>Lanes</b>	2	2
<b>Parking</b>		
<b>Park n Ride</b>	No	No
<b>RIPTA</b>	No	No
<b>TIP 02 - 03</b>		
<b>TIP 04 - 08</b>		Gainer Dam Pave. Mngt.
<b>ADT</b>	8600-10300	1000-5800
<b>LOS</b>		
<b>V/C</b>	3.4-.3*	.7-.3*
<b>Speed Limit</b>	W-E 45 to 30	45
<b>Freight</b>	3%	3%
<b>Accidents</b>	415/604**	44/65**
<b>Pop 2000</b>	79269	10324
<b>Pop 2020</b>	77157	11390
<b>Problem areas</b>	Frequently congested entire length.	
	*V/C based on LOS C.	
	** Accident data 2001/2002	

# East - West Travel Corridor

## RI 14

	Providence	Cranston	Johnston	Scituate	Foster
Name	Plainfield Street	Plainfield Pike	Plainfield Pike	Plainfield Pike	Plainfield Pike
Land use	Ind. Com. Res.	Rural Res.	Ind. Com. Res. Rural (Farms)	Rural Res.Conser.	Rural Res.
Modes					
Sidewalk	Yes	No	No	No	No
Bicycle	No	No	Bike Route	No	No
Lanes	2	4	4 to 2	2	2
Parking	No	No	No	No	No
Park n Ride	No	No	No	No	Yes
RIPTA	19		19	No	No
Ridership	1401*		1401*		
TIP 02 - 03					
TIP 04 - 08			Rte. 14 & Cent. Av. Pave. Mngt.		
ADT	12700	8900-13700	8900-13700	1500-4900	2000-2800
LOS					
V/C	3.4-1.1**	1.6-.3**	1.6-.3**	1.1-.3**	.7-.3**
Speed Limit	25	35	40	40	40
Freight			8%	5%	
Accidents	361/443***	136/154***	118/91***	16/25***	12/8***
Pop 2000	173618	79269	28195	10324	4274
Pop 2020	141656	77157	29419	11390	5988
Problem areas			Narrow travel lanes on RI-14 to RI-5 intersect. Approach. Narrow streets. Same condition in Thornton Mill area. Congested due to signal. At RI-5/14 Intersect. Distress economic center of Thornton Village.	Rte.s 116/14. Int. 14/102 & Rockland Rd.	
	* Average weekday passenger count per route.				
	**V/C based on LOS C.				
	*** Accident data 2001/2002				